

### Abstract of the Disclosure

A printed circuit board antenna structure for the transmission of radio frequency energy. The printed circuit board antenna of the present invention includes a circuit board subassembly having a component mounting section and an antenna section. The antenna section of the circuit board includes a pair of antenna traces that function as two sides of a dipole antenna. Each antenna trace includes a radiating strip where the combination of the pair of radiating strips has a length less than one-half the wavelength of the desired radiation being transmitted. Each antenna trace includes an impedance matching strip having a serpentine structure and coupled to the radiating strip. The impedance matching strip matches the desired impedance for the antenna driving circuit.